



## PATENT ABSTRACTS OF JAPAN

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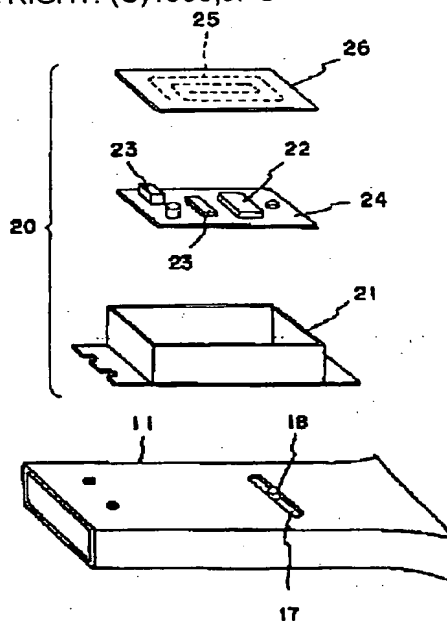
## (54)TRANSMITTER

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## (57)Abstract:

PURPOSE: To provide a transmitter which is mounted on a screw fastening tool and wirelessly transfers screw fastening information on its screw fastening tool.

CONSTITUTION: A case frame 21 of a transmitter 20 is formed of metal, and an antenna coil 25 is wound round and held by an insulating cover plate 26 to be laid on an upper side opening part of its case frame 21. Therefore, impact resistance of the transmitter 20 is enhanced. Since a transmitting antenna is not projected outside of the transmitter 20, the antenna does not become a hindrance, and screw fastening workability is improved.



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